

9/13  
(NE)  
52504**RESPONSE UNDER 37 C.F.R. § 1.116  
- EXPEDITED PROCEDURE -  
EXAMINING GROUP 2100**

Our Docket No.: 042390.P5563

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Padwekar, et al.

Application No.: 09/608,852

Filed: June 30, 2000

For: A Branch Target Buffer (BTB)  
Including a Speculative BTB (SBTB)  
and an Architectural BTB (ABTB)

Examiner: Li, Aimee, J.

Art Group: 2183

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**MAY 20 2004****OFFICIAL****RESPONSE TO FINAL OFFICE ACTION**Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the final Office Action mailed on December 23, 2003, Applicants respectfully request the Examiner to enter the following amendments and to consider the following remarks.

**FIRST CLASS CERTIFICATE OF MAILING**

I hereby certify that I am causing the above-referenced correspondence to be deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and that this paper or fax has been addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

February 11, 2004

Date of Deposit

Leah Schwenke

Name of Person Mailing Correspondence

*Leah Schwenke*

Signature

2/11/04

Date

Docket No.: 042390.P5563  
Application No.: 09/608,852

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MAY 20 2004

**BLAKELY  
SOKOLOFF  
TAYLOR &  
ZAFMAN**A LIMITED LIABILITY  
PARTNERSHIP INCLUDING  
LAW CORPORATIONS8055 East Tufts Avenue, Suite 1300  
Denver, Colorado 80237  
(303) 740-1980 - Phone  
(303) 740-6962 - Fax**OFFICIAL**

## FACSIMILE TRANSMITTAL SHEET

Deliver to: Examiner Lee, Aimee J.  
Firm Name: USPTO  
Fax Number: (703) 746-7239 Telephone No.: \_\_\_\_\_  
From: Aslam Jaffery  
Date: May 20, 2004 Time: \_\_\_\_\_  
Operator: Debbie Peloquin Matter: P5563 Serial No. 09/608,852  
Number of pages including cover sheet: 19  
Message:

For your review. This Response was filed Feb. 11, 2004. A copy of the return postcard is attached to show that the USPTO did receive our response. Please call Aslam Jaffery with any questions you may have. Thank you.

CONFIDENTIALITY NOTE

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FEB 23 2004

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
LOS ANGELES

Serial/Patent No.: 09/1608,252 Filing/Issue Date: 6/20/2000  
 Client: Intel Corp  
 Title: LA Branch Target Buffer (BTB) including a Speculative BTB (S-BTB) and an Architectural BTB (A-BTB)  
 BSTZ File No.: 04390-05503 Atty/Secy Initials: APJ/ISS  
 Date Mailed: FEB 11, 2004 Docket Due Date: FEB 23, 2004

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

<input checked="" type="checkbox"/> Amendment/Response ( <u>11</u> pgs.)	<input type="checkbox"/> Express Mail No.:	<input type="checkbox"/> Check No.:
<input type="checkbox"/> Appeal Brief ( <u>    </u> pgs.) (in triplicate)	<input type="checkbox"/> Month(s) Extension of Time	Amt: <u>    </u>
<input type="checkbox"/> Application - Utility ( <u>    </u> pgs., with cover and abstract)	<input type="checkbox"/> Information Disclosure Statement & PTO-HQ ( <u>    </u> pgs.)	<input type="checkbox"/> Check No.:
<input type="checkbox"/> Application - Rule 1.53(b) Continuation ( <u>    </u> pgs.)	<input type="checkbox"/> Issue Fee Transmittal	Amt: <u>    </u>
<input type="checkbox"/> Application - Rule 1.53(b) Divisional ( <u>    </u> pgs.)	<input type="checkbox"/> Notice of Appeal	
<input type="checkbox"/> Application - Rule 1.53(b) CIP ( <u>    </u> pgs.)	<input type="checkbox"/> Petition for Extension of Time	
<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal ( <u>    </u> pgs.)	<input type="checkbox"/> Petition for <u>    </u>	
<input type="checkbox"/> Application - Design ( <u>    </u> pgs.)	<input checked="" type="checkbox"/> Postcard	
<input type="checkbox"/> Application - PCT ( <u>    </u> pgs.)	<input type="checkbox"/> Power of Attorney ( <u>    </u> pgs.)	
<input type="checkbox"/> Application - Provisional ( <u>    </u> pgs.)	<input type="checkbox"/> Preliminary Amendment ( <u>    </u> pgs.)	
<input type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Reply Brief ( <u>    </u> pgs.)	
<input checked="" type="checkbox"/> Certificate of Mailing	<input type="checkbox"/> Response to Notice of Missing Parts	
<input type="checkbox"/> Declaration & PUA ( <u>    </u> pgs.)	<input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Bus.	
<input type="checkbox"/> Disclosure Docs & Ctg & Copy of Invention Signed Later ( <u>    </u> pgs.)	<input checked="" type="checkbox"/> Transmittal Letter, in duplicate	
<input checked="" type="checkbox"/> Drawings: <u>Fig. 4A</u> # of sheets includes <u>    </u> figures	<input type="checkbox"/> Fee Transmittal, in duplicate	
<input type="checkbox"/> Other: <u>    </u>		



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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN  
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FEB 26 2004

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP  
DENVER

Serial/Patent No.: 091608, 262 Filing/Issue Date: 6/20/2000

Client: Intel Corp. Patent BSR (678) including a Speculative BSR

Title: OF DRIVEN TRENCH BURR (678) INCLUDING A SPECULATIVE BSR

BSR File No.: 05890, 05893 Atty/Secy Initials: AKB/ISS

Date Mailed: 6/11/2000 Docket Due Date: 6/23/2004

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

<input checked="" type="checkbox"/> Authentication/Response ( <u>1</u> pgs.)	<input type="checkbox"/> Express Mail No. <input type="checkbox"/> Check No. <input type="checkbox"/>
<input type="checkbox"/> Appeal Brief ( <u>   </u> pgs.) (in triplicate)	<input type="checkbox"/> <u>Month(s)</u> Extension of Time <input type="checkbox"/> Amt: <u>   </u>
<input type="checkbox"/> Application - Utility ( <u>   </u> pgs., with cover and abstract)	<input type="checkbox"/> Terminal Declaration/Remarks/PTO Fee ( <u>   </u> pgs.) <input type="checkbox"/> Check No. <input type="checkbox"/>
<input type="checkbox"/> Application - Rule 1.53(b) Continuation ( <u>   </u> pgs.)	<input type="checkbox"/> Issue Fee Transmitted <input type="checkbox"/> Amt: <u>   </u>
<input type="checkbox"/> Application - Rule 1.53(b) Divisional ( <u>   </u> pgs.)	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Application - Rule 1.53(b) CIP ( <u>   </u> pgs.)	<input type="checkbox"/> Petition for Extension of Time
<input type="checkbox"/> Application - Rule 1.53(b) CPA Transmitted ( <u>   </u> pgs.)	<input type="checkbox"/> Petition for <u>   </u>
<input type="checkbox"/> Application - Design ( <u>   </u> pgs.)	<input checked="" type="checkbox"/> Postcard
<input type="checkbox"/> Application - PCT ( <u>   </u> pgs.)	<input type="checkbox"/> Power of Attorney ( <u>   </u> pgs.)
<input type="checkbox"/> Application - Provisional ( <u>   </u> pgs.)	<input type="checkbox"/> Preliminary Amendment ( <u>   </u> pgs.)
<input type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Reply Brief ( <u>   </u> pgs.)
<input checked="" type="checkbox"/> Certificate of Mailing	<input type="checkbox"/> Response to Notice of Missing Parts
<input type="checkbox"/> Declaration & POA ( <u>   </u> pgs.)	<input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business
<input type="checkbox"/> Declaration/Design Copy of Invention/Design ( <u>   </u> pgs.)	<input type="checkbox"/> Trademark Letter, in duplicate
<input checked="" type="checkbox"/> Drawings: <u>Fig. 4A</u> of sheets includes <u>   </u> figures	<input type="checkbox"/> Fee Transmitted, in duplicate
<input type="checkbox"/> Other: <u>   </u>	

Attorney's Docket No.: 042390.P5563

Patent

In re the Application of: Padwekar, et al.AMENDMENT UNDER  
37 C.F.R. § 1.116  
EXPEDITED PROCEDUREApplication No.: 09/608,852

(inventor(s))

Filed: June 30, 2000EXAMINING GROUP 2183For: A Branch Target Buffer (BTB) Including a Speculative BTB (SBTB) and an Architectural BTB (ABTB)

(title)

Mail Stop AF  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR: Transmitted herewith is an Amendment After Final Action for the above-referenced application.

   Applicant claims small entity status. See 37 CFR 1.27.  X   No additional fee is required.   A Notice of Appeal is enclosed.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amd.		Highest No. Previously Paid For	Present Extra	Rate	Additional Fee	Rate	Additional Fee
Total Claims	11	Minus	23	0	X9	\$	X18	\$
Indep. Claims	3	Minus	3	0	X43	\$	X86	\$
<div style="border: 1px solid black; padding: 2px;"> <b>First Presentation of Multiple Dependent Claim(s)</b> </div>					+145	\$	+290	\$
* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3. ** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space. *** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.					Total Add. Fee	\$	Total Add. Fee	\$ 0.00

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on February 11, 2004

Date of Deposit

Leah Schwenke

Name of Person Mailing Correspondence

Leah Schwenke

Signature

2/11/04


Date

- ☒ A check in the amount of \$ \_\_\_\_\_ is attached for presentation of additional claim(s).  
Applicant(s) hereby Petition(s) for an Extension of Time of \_\_\_\_\_ month(s) pursuant to  
37 C.F.R. § 1.136(a).  
A check for \$ \_\_\_\_\_ is attached for processing fees under 37 C.F.R. § 1.17.  
Please charge my Deposit Account No. 02-2666 the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.  
☒ The Under Secretary of Commerce for Intellectual Property and Director of the United States  
Patent and Trademark Office is hereby authorized to charge payment of the following fees  
associated with this communication or credit any overpayment to Deposit Account No. 02-2666  
(a duplicate copy of this sheet is enclosed):  
☒ Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of  
extra claims.  
☒ Any extension or petition fees under 37 C.F.R. § 1.17.

BLAKELY SOKOLOFF TAYLOR &amp; ZAFMAN LLP

Date: February 11, 2004

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Los Angeles, California 90025  
(408) 720-8300

  
Aslam A. JafferyReg. No. 51,841